

Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ARKANSAS, Southeast

CHICOT COUNTY --- 3.7 W INDIAN [33.04, -91.36], 2.5 ENE GRAND LAKE [33.09, -91.18]

12/11/10 15:19 CST	0	Hail (1.25 in)
12/11/10 15:29 CST	0	Source: Public

A swath of nickel to half dollar sized hail was observed in the southern portion of the county.

During the afternoon of December 11, a storm system with some instability and gulf moisture, combined with a strong cold front to bring a line of isolated severe storms to southeast Arkansas. One particular storm brought half dollar sized hail to portions of southern Chicot County.

LOUISIANA, Northeast

CATAHOULA COUNTY --- 1.4 ENE MANIFEST [31.71, -91.96]

12/31/10 15:01 CST	0	Hail (0.75 in)
12/31/10 15:01 CST	0	Source: Law Enforcement

CATAHOULA COUNTY --- 1.4 ENE MANIFEST [31.71, -91.96]

12/31/10 15:02 CST	2K	Thunderstorm Wind (EG 50 kt)
12/31/10 15:02 CST	0	Source: Law Enforcement

Two trees were reported blown down on Highway 126 near Aimwell and Manifest.

TENSAS COUNTY --- 2.1 SSW SOMERSET [32.15, -91.24]

12/31/10 15:20 CST	0	Thunderstorm Wind (EG 52 kt)
12/31/10 15:20 CST	0	Source: Storm Chaser

Storm Chasers encountered RFD winds estimated at 60 to 65 mph north of Newelton along US Highway 65.

TENSAS COUNTY --- 1.6 SE BARCELONA [31.83, -91.41], 1.8 E ST JOSEPH [31.92, -91.22]

12/31/10 15:38 CST	0	Hail (1.00 in)
12/31/10 15:52 CST	0	Source: Public

A swath of quarter sized hail fell from Waterproof to St. Joseph.

A large and powerful storm system, along with a strong cold front, impacted northeast Louisiana during the afternoon and evening hours of December 31. This system brought some severe storms which produced some quarter sized hail and a few instances of thunderstorm wind damage.

MISSISSIPPI, Central

WASHINGTON COUNTY --- 3.2 WSW CHATHAM [33.09, -91.15], 1.8 NNW FOOTE [33.12, -91.04]

12/11/10 15:30 CST	0	Hail (1.25 in)
12/11/10 15:41 CST	0	Source: Public

A swath of half dollar sized hail with some isolated pockets of nickel sized hail was observed in the southwest portion of the county.

SUNFLOWER COUNTY --- 0.6 E INDIANOLA [33.45, -90.64]

12/11/10 15:53 CST	30K	Thunderstorm Wind (EG 62 kt)
12/11/10 15:53 CST	0	Source: Emergency Manager

A large tree was blown down and damaged a home on Nash Road. Several other trees were blown down in a neighboring yard. At least one tree appeared to have been thrown at a distance. Two utility poles were blown down and a workshop damaged.

WASHINGTON COUNTY --- 1.2 E HOLLANDALE [33.17, -90.85]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/11/10 15:55 CST		0	Hail (0.88 in)
	12/11/10 15:55 CST		0	Source: Emergency Manager

Nickel sized hail was observed near Hollandale.

SHARKEY COUNTY --- 0.6 W ANGUILLA [32.97, -90.83]

12/11/10 16:10 CST	5K	Thunderstorm Wind (EG 53 kt)
12/11/10 16:10 CST	0	Source: Law Enforcement

A top was blown off from a residential trailer in town.

HOLMES COUNTY --- GOOD HOPE [33.10, -90.30]

12/11/10 16:49 CST	5K	Thunderstorm Wind (EG 56 kt)
12/11/10 16:49 CST	0	Source: Law Enforcement

A few trees were blown down. One was blown down across Highway 12 at the intersection of Highway 49 East. Some shingles were blown off the roof of the C Head grocery store.

YAZOO COUNTY --- 0.6 E YAZOO CITY [32.85, -90.41]

12/11/10 16:55 CST	5K	Thunderstorm Wind (EG 50 kt)
12/11/10 16:55 CST	0	Source: Emergency Manager

A tree was blown down across Myrtle Road just south of town. A car ran into the tree and the driver suffered an indirect minor injury.

YAZOO COUNTY --- 2.4 SSE JONESTOWN [32.80, -90.41]

12/11/10 16:58 CST	10K	Thunderstorm Wind (EG 50 kt)
12/11/10 16:58 CST	0	Source: Amateur Radio

Four trees were blown down and one of them had fallen on a vehicle near Myerville and Fletchers Chapel Road.

YAZOO COUNTY --- 2.7 WSW BENTON [32.81, -90.31]

12/11/10 17:02 CST	2K	Thunderstorm Wind (EG 50 kt)
12/11/10 17:02 CST	0	Source: Public

Several trees were blown down on Sunny Lane Road.

HOLMES COUNTY --- 0.9 NW GOODMAN [32.98, -89.91]

12/11/10 17:19 CST	2K	Thunderstorm Wind (EG 50 kt)
12/11/10 17:19 CST	0	Source: Law Enforcement

A power line was blown down on Shady Grove Road.

ATTALA COUNTY --- 0.9 NE NEWPORT [32.94, -89.76]

12/11/10 17:33 CST	2K	Thunderstorm Wind (EG 55 kt)
12/11/10 17:33 CST	0	Source: Public

Several trees were blown down along Highway 14 near State Highway 429.

MADISON COUNTY --- 2.7 WSW LIVINGSTON [32.53, -90.26]

12/11/10 17:40 CST	2K	Thunderstorm Wind (EG 53 kt)
12/11/10 17:41 CST	0	Source: Public

At least seven trees were blown down on some private property.

MADISON COUNTY --- 1.8 NE MANSDALE [32.54, -90.18]

12/11/10 17:50 CST	0	Hail (0.88 in)
12/11/10 17:50 CST	0	Source: NWS Employee

Nickel sized hail was observed near Annandale.

MADISON COUNTY --- 1.2 W GLUCKSTADT [32.52, -90.10]

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	12/11/10 17:54 CST		0	Hail (0.88 in)
	12/11/10 17:54 CST		0	Source: Emergency Manager

Nickel sized hail was observed near Gluckstadt.

LAWRENCE COUNTY --- 2.4 W ROSELLA [31.60, -90.17]

12/11/10 19:40 CST	2K	Thunderstorm Wind (EG 50 kt)
12/11/10 19:40 CST	0	Source: Law Enforcement

A couple of trees were blown down northwest of Monticello.

During the afternoon of December 11, a storm system with some instability and gulf moisture, combined with a strong cold front to bring a line of strong and severe storms to central Mississippi. The severe storms brought some nickel to half dollar size hail, along with some thunderstorm wind damage.

(MS-Z042) YAZOO, (MS-Z066) JONES

12/12/10 09:03 CST	27K	Strong Wind (MAX 40 kt)
12/12/10 12:30 CST	0	

On December 12, a cold Canadian air mass pushed into the region. The change of air mass resulted in a tight pressure gradient across the region and brought in gusty winds of 35 to 45 mph. These windy conditions caused multiple trees to be blown down across southern Jones County and across northeast Yazoo County.

(MS-Z030) CLAY, (MS-Z031) LOWNDES, (MS-Z033) OKTIBBEHA

12/15/10 04:15 CST	0	Winter Weather
12/15/10 07:00 CST	0	

Some overrunning of gulf moisture, atop a cold air mass, caused a brief period of light freezing rain across portions of northeast Mississippi during the early morning of December 15th. Some light accumulation of ice was observed over Oktibbeha, Clay, and Lowndes Counties.

(MS-Z026) GRENADA, (MS-Z029) WEBSTER, (MS-Z032) CHOCTAW, (MS-Z033) OKTIBBEHA

12/25/10 07:30 CST	0	Winter Weather
12/25/10 11:00 CST	0	

An area of low pressure in the northern gulf provided some overrunning of moisture with cold temperatures at the surface. This combination resulted in some light snow and sleet accumulations over portions of the north central and northeast parts of the forecast area.

COPIAH COUNTY --- 2.8 ENE MEADOWS STORE [31.89, -90.65], 0.6 W DENTVILLE [31.95, -90.58]

12/31/10 15:57 CST	0	Hail (1.00 in)
12/31/10 16:08 CST	0	Source: Public

Quarter sized hail was observed southeast of Carpenter.

COPIAH COUNTY --- 2.4 SW GLANCY [31.80, -90.53]

12/31/10 16:10 CST	1K	Thunderstorm Wind (EG 50 kt)
12/31/10 16:10 CST	0	Source: Law Enforcement

Some trees were blown down southwest of Hazelhurst.

WARREN COUNTY --- 1.8 ESE STOUT [32.29, -90.87], 1.1 SE BEECHWOOD [32.32, -90.82]

12/31/10 16:11 CST	0.11M	Tornado (EF1, L: 3.56 mi , W: 100 yd)
12/31/10 16:15 CST	0	Source: NWS Storm Survey

This tornado touched down near the intersection of Fisher Ferry and Halls Ferry Roads and tracked northeast across the Army Corps of Engineers Engineer and Research Development Center property. Shingles were blown off several roofs, part of the roof was blown off a hanger, a mobile home was damaged and a power pole was snapped. Further along the track, scattered trees were sporadically blown down with many large limbs down as well along the path. Toward the end of the track, one of the trees fell across power lines, taking three power poles down with it. Maximum winds were around 90 mph.

WARREN COUNTY --- 1.0 NNW BEECHWOOD [32.34, -90.84]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/31/10 16:12 CST		30K	Thunderstorm Wind (EG 53 kt)
	12/31/10 16:12 CST		0	Source: Law Enforcement
Power lines were blown down with power out in the Walmart area. A tree was blown down across Interstate 20 near exit 5.				
WARREN COUNTY --- 1.5 SSE VICKSBURG [32.33, -90.87]				
	12/31/10 16:12 CST		0	Hail (0.75 in)
	12/31/10 16:12 CST		0	Source: Amateur Radio
JEFFERSON COUNTY --- 0.6 E STORINGTON [31.75, -91.01]				
	12/31/10 16:15 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/31/10 16:15 CST		0	Source: NWS Storm Survey
Several trees were snapped just north of Harriston Road.				
COPIAH COUNTY --- 1.4 NNE DENTVILLE [31.97, -90.56]				
	12/31/10 16:20 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/31/10 16:20 CST		0	Source: Emergency Manager
A couple of trees were blown down on Jack Road.				
JEFFERSON COUNTY --- 4.0 NW BLUE HILL [31.81, -90.92]				
	12/31/10 16:25 CST		0	Thunderstorm Wind (EG 50 kt)
	12/31/10 16:25 CST		0	Source: NWS Storm Survey
Limbs and small trees were snapped along Violet Road.				
WARREN COUNTY --- 1.1 ENE VICKSBURG [32.36, -90.86], 1.1 E STOUT [32.30, -90.88], 0.9 S BEECHWOOD [32.32, -90.83], 1.4 SSW WALTERSVILLE [32.35, -90.84]				
	12/31/10 16:25 CST		7K	Flash Flood (due to Heavy Rain)
	12/31/10 16:50 CST		0	Source: Trained Spotter
Locally heavy rainfall, near 2 inches per hour, caused some streets to flood in Vicksburg.				
CLAIBORNE COUNTY --- 1.4 WSW BADLAND [31.87, -90.84]				
	12/31/10 16:30 CST		5K	Thunderstorm Wind (EG 50 kt)
	12/31/10 16:30 CST		0	Source: Law Enforcement
Several trees were blown down across roads between Pattison and Peyton. A few trees were also blown down across Highway 547.				
CLAIBORNE COUNTY --- 3.6 SE ST ELMO [31.94, -90.78]				
	12/31/10 16:30 CST		5K	Thunderstorm Wind (EG 50 kt)
	12/31/10 16:30 CST		0	Source: Law Enforcement
A few trees and power lines were blown down southeast of Hermanville.				
HINDS COUNTY --- 1.2 SE MORGANS [32.09, -90.37], 1.4 ENE OAKLEY [32.23, -90.20]				
	12/31/10 16:44 CST		2M	Tornado (EF2, L: 13.80 mi , W: 800 yd)
	12/31/10 17:03 CST		0	Source: NWS Storm Survey
This tornado first touched down in Midway Estates just to the west of Midway Road. Initially the tornado knocked down a few trees and caused minor shingle damage to roofs. The tornado tracked northeast crossing Tank Road, Green Gable Road, and Lebanon-Pinegrove Road. The damage was predominantly downed trees and minor structural damage. The tornado then moved nearly parallel to Interstate 55 and passed through Byram. Numerous structures were damaged, dozens of billboards were blown out, a tanker truck was overturned, numerous power poles were snapped and numerous trees were snapped and uprooted. The tornado was the most intense at this point with winds estimated to be around 120 mph. In addition, the maximum path width of 1/2 mile occurred in Byram. The tornado then crossed the Pearl River into Rankin County. The tornado was on the ground for almost 14 miles in Hinds County with a total path length of 26 miles through both Hinds and Rankin Counties.				
COPIAH COUNTY --- 2.4 WSW JACK [32.01, -90.62], 4.7 E JACK [32.03, -90.50]				
	12/31/10 16:52 CST		0	Hail (1.00 in)
	12/31/10 17:01 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
RANKIN COUNTY --- 1.6 WNW LAKELAND [32.23, -90.20], 2.5 ESE LUCKNEY [32.34, -90.03]				
	12/31/10 17:03 CST		0.70M	Tornado (EF1, L: 12.37 mi , W: 800 yd)
	12/31/10 17:25 CST		0	Source: NWS Storm Survey
<p>This tornado crossed the Pearl River into Rankin County, into portions of Richland as an EF-1. The tornado was much weaker at this point with mainly tree damage occurring. As the tornado moved into Pearl it strengthened again. Roof damage occurred to a movie theater and a Kroger. The roof was completely torn off a car wash. In the Pearl neighborhoods, numerous trees were knocked down and several fell on houses. Several of the houses were total losses.</p> <p>The tornado then crossed Airport Road and onto the Jackson-Evers International Airport grounds, passing just south of the airport terminal. A roof was heavily damaged to a warehouse and numerous trees were knocked down. The tornado then tracked along Cooper Road, mainly downing trees. The tornado then lifted as it moved across Luckney Road, just a few miles south of Lakeland Drive. The highest estimated winds in Rankin County were 110 mph which occurred in Pearl. The tornado was on the ground for just over 12 miles in Rankin County with a total path length of 26 miles across Hinds and Rankin Counties.</p>				
RANKIN COUNTY --- FLORENCE [32.15, -90.13]				
	12/31/10 17:05 CST		0	Heavy Rain
	12/31/10 18:25 CST		0	Source: COOP Observer
A CoCoRaHS observer in Florence reported 2.54 inches of rain.				
RANKIN COUNTY --- 0.7 S STAR [32.09, -90.05]				
	12/31/10 17:15 CST		0	Heavy Rain
	12/31/10 17:45 CST		0	Source: Public
Over two inches of rain were observed at Star.				
HINDS COUNTY --- 2.7 NE JACKSON [32.36, -90.14]				
	12/31/10 17:20 CST		0.15M	Thunderstorm Wind (EG 50 kt)
	12/31/10 17:20 CST		0	Source: NWS Storm Survey
A large tree fell on a house which caused a total loss. This damage was associated with straight line winds several miles northwest of the tornadic circulation which moved across the Pearl and Flowood areas.				
RANKIN COUNTY --- 2.8 NNE FLOWOOD [32.32, -90.11]				
	12/31/10 17:22 CST		0	Thunderstorm Wind (EG 50 kt)
	12/31/10 17:22 CST		0	Source: ASOS
Winds gusted to 58 mph at the Jackson Airport.				
RANKIN COUNTY --- 2.7 WNW RICE HILL [32.29, -90.07]				
	12/31/10 17:25 CST		10K	Thunderstorm Wind (EG 50 kt)
	12/31/10 17:25 CST		0	Source: NWS Employee
Trees were blown down along Old Brandon Road. Large limbs were blown down along Airport Road.				
RANKIN COUNTY --- 2.1 WSW FLORENCE [32.13, -90.16]				
	12/31/10 17:28 CST		0	Hail (1.00 in)
	12/31/10 17:28 CST		0	Source: Trained Spotter
RANKIN COUNTY --- 1.2 S STAR [32.08, -90.05], 1.2 ESE STAR [32.09, -90.03]				
	12/31/10 17:42 CST		2K	Tornado (EF0, L: 1.38 mi , W: 50 yd)
	12/31/10 17:45 CST		0	Source: NWS Storm Survey
This weak tornado briefly touched down near Star and downed multiple limbs along with a few trees. This minor tree damage was noted along Shady Hill Drive and near Highway 49. Maximum winds were around 75 mph.				
RANKIN COUNTY --- 0.7 S STAR [32.09, -90.05]				
	12/31/10 17:45 CST		1K	Thunderstorm Wind (EG 52 kt)
	12/31/10 17:45 CST		0	Source: Public
Winds were estimated at 60-65 mph. Numerous limbs were blown down.				

Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HINDS COUNTY --- 0.6 W WEST JACKSON [32.32, -90.21], 1.1 WNW JACKSON [32.33, -90.19], 0.4 ESE JACKSON [32.33, -90.16], 1.4 S JACKSON [32.31, -90.17], 1.6 S WEST JACKSON [32.30, -90.20]				
	12/31/10 18:00 CST		50K	Flash Flood (due to Heavy Rain)
	12/31/10 19:00 CST		0	Source: Broadcast Media
Several streets were flooded in the city of Jackson. There were multiple reports of people trapped in vehicles.				
RANKIN COUNTY --- 2.3 NNW RICE HILL [32.30, -90.04], 2.6 SE LUCKNEY [32.33, -90.03], 2.7 WSW LANGFORD [32.33, -90.01], 1.1 N VALUE [32.30, -90.00], 0.7 NW RICE HILL [32.28, -90.04]				
	12/31/10 18:00 CST		30K	Flash Flood (due to Heavy Rain)
	12/31/10 19:00 CST		0	Source: NWS Employee
Water was reported across Crossgates Boulevard in West Brandon. Flash flooding was reported at the intersection of Luckney Road and Caine Circle and along River Bend Drive north of Brandon.				
SCOTT COUNTY --- 3.0 SSW HILLSBORO [32.41, -89.54], 0.6 SSW STEEL [32.47, -89.43]				
	12/31/10 18:48 CST		0	Hail (1.75 in)
	12/31/10 19:00 CST		0	Source: Broadcast Media
Golf ball sized hail was reported north of Forest.				
(MS-Z050) SCOTT				
	12/31/10 19:00 CST		1K	Strong Wind (MAX 43 kt)
	12/31/10 19:00 CST		0	
NESHOBA COUNTY --- 1.8 NE NEVILLE [32.60, -89.23]				
	12/31/10 19:30 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/31/10 19:30 CST		0	Source: Emergency Manager
Several trees were blown down along County Road 210 west of Union.				
NESHOBA COUNTY --- 2.2 SW NESHOBA [32.60, -89.18], 1.8 ENE NESHOBA [32.63, -89.12]				
	12/31/10 19:35 CST		0	Hail (1.75 in)
	12/31/10 19:43 CST		0	Source: Emergency Manager
Dime to golf ball sized hail fell over Neshoba.				
FRANKLIN COUNTY --- 1.4 S MC CALL CREEK [31.50, -90.70]				
	12/31/10 19:40 CST		0	Hail (1.00 in)
	12/31/10 19:40 CST		0	Source: Public
Quarter sized hail was observed south of McCall Creek.				
LINCOLN COUNTY --- 5.0 N VAUGHN [31.65, -90.58], 6.3 E CASEYVILLE [31.68, -90.56]				
	12/31/10 20:09 CST		0.25M	Tornado (EF1, L: 2.12 mi , W: 50 yd)
	12/31/10 20:13 CST		0	Source: NWS Storm Survey
The tornado started along Ellzey Drive, where it snapped some large limbs and took a few shingles off a house. The tornado moved north-northeast, destroying a small outbuilding along Tanpa Trail and downing a couple of trees. The tornado then did its most substantial damage along Jackson Liberty Drive NW, where it pushed a frame house off of its blocks, along with busting windows and causing some shingle damage. A couple of outbuildings were also heavily damaged, and a few trees were snapped and uprooted. The tornado continued north-northeast, sporadically snapping a few pine trees before dissipating near Pleasant Ridge Road NW. Maximum winds were around 90 mph.				
KEMPER COUNTY --- 1.5 NNE BLOOMFIELD [32.80, -88.74]				
	12/31/10 20:24 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/31/10 20:24 CST		0	Source: Law Enforcement
Power line was blown down along Highway 397 northwest of Kemper Lake Road.				
CARROLL COUNTY --- 2.7 WNW NORTH CARROLLTON [33.54, -89.96]				

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	12/31/10 20:55 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/31/10 20:55 CST		0	Source: Emergency Manager

A few trees were blown down along Highway 35 north.

HOLMES COUNTY --- 0.6 E TCHULA [33.18, -90.22]

12/31/10 21:45 CST	2K	Thunderstorm Wind (EG 50 kt)
12/31/10 21:45 CST	0	Source: Law Enforcement

A few trees were blown down in Tchula.

HUMPHREYS COUNTY --- 0.5 N BROOKLYN [33.18, -90.48], 1.9 NNE BROOKLYN [33.20, -90.47], 1.2 N BELZONI [33.20, -90.50], 0.6 S BELZONI [33.17, -90.50]

12/31/10 21:52 CST	5K	Flash Flood (due to Heavy Rain)
12/31/10 23:30 CST	0	Source: Law Enforcement

Locally heavy rain cause several streets to flood in Belzoni.

HOLMES COUNTY --- 2.9 E HUMA [33.23, -90.05]

12/31/10 21:55 CST	2K	Thunderstorm Wind (EG 50 kt)
12/31/10 21:55 CST	0	Source: Law Enforcement

A few trees were blown down north of Lexington.

CARROLL COUNTY --- COILA [33.40, -89.97]

12/31/10 22:08 CST	2K	Thunderstorm Wind (EG 50 kt)
12/31/10 22:08 CST	0	Source: Emergency Manager

A few trees were blown down off Highway 17.

WARREN COUNTY --- 1.4 WNW EAGLE BEND [32.53, -91.02]

12/31/10 22:20 CST	0	Hail (1.00 in)
12/31/10 22:20 CST	0	Source: Public

Dime to quarter sized hail was reported around Eagle Lake.

HOLMES COUNTY --- 1.7 ESE GWIN [33.16, -90.19], 0.6 ENE ACONA [33.27, -90.01]

12/31/10 22:25 CST	0	Hail (1.75 in)
12/31/10 22:38 CST	0	Source: Public

HOLMES COUNTY --- LEXINGTON [33.12, -90.05]

12/31/10 22:27 CST	6K	Thunderstorm Wind (EG 50 kt)
12/31/10 22:27 CST	0	Source: Law Enforcement

Scattered trees were blown down around Lexington.

CARROLL COUNTY --- 0.6 E SEVEN PINES [33.37, -90.09], 1.5 NE SEVEN PINES [33.39, -90.08], 1.5 SW GRAVEL HILL [33.38, -90.07], 1.9 SSW GRAVEL HILL [33.38, -90.06], 1.4 E SEVEN PINES [33.37, -90.08]

12/31/10 22:30 CST	3K	Flash Flood (due to Heavy Rain)
12/31/10 23:45 CST	0	Source: Emergency Manager

Several roads were flooded around the Seven Pines Community.

MONTGOMERY COUNTY --- 0.7 N WINONA [33.49, -89.73]

12/31/10 22:30 CST	2K	Thunderstorm Wind (EG 50 kt)
12/31/10 22:30 CST	0	Source: Law Enforcement

A couple of trees were blown down at Winona.

MONTGOMERY COUNTY --- 0.9 NE KILMICHAEL [33.44, -89.57]

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	12/31/10 22:38 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/31/10 22:38 CST		0	Source: Law Enforcement

A couple of trees were blown down in Kilmichael.

CARROLL COUNTY --- 3.0 SE BLACK HAWK [33.30, -89.99], 3.8 WSW SOMMERVILLE COMMUNIT [33.38, -89.89]

12/31/10 22:40 CST	0	Hail (1.75 in)
12/31/10 22:50 CST	0	Source: Emergency Manager

Golf ball sized hail was observed east of Black Hawk.

MONTGOMERY COUNTY --- 2.4 WSW SAWYER [33.51, -89.76], 0.4 S FOX [33.51, -89.67], 1.7 WSW HENDRIX SIDING [33.46, -89.66], 1.6 WSW WINNA MONTGOMERY CO [33.46, -89.76]

12/31/10 22:40 CST	0.30M	Flash Flood (due to Heavy Rain)
12/31/10 23:55 CST	0	Source: Emergency Manager

Locally heavy rain, between 4 and 6 inches, caused several streets to flood in the city of Winona. Many cars were flooded in town due to the high water. Additionally, several roads were closed, with some washed out, near and around Winona.

YAZOO COUNTY --- 1.6 E RENSHAW [32.92, -90.35]

12/31/10 23:20 CST	0	Thunderstorm Wind (EG 50 kt)
12/31/10 23:20 CST	0	Source: Emergency Manager

A couple trees were down off Rebecca Road.

YAZOO COUNTY --- 2.0 W YAZOO CITY [32.85, -90.45], 1.0 W NORWAY [32.90, -90.42], 1.6 E YAZOO JCTN [32.88, -90.35], 2.0 ESE YAZOO CITY [32.84, -90.39]

12/31/10 23:30 CST	0.50K	Flash Flood (due to Heavy Rain)
12/31/10 23:50 CST	0	Source: Emergency Manager

Locally heavy rain caused flooding on Calhoun, Ace, 19th, and 6th Streets, as well as Jasper Avenue.

HOLMES COUNTY --- 0.5 WNW RICHLAND [32.97, -89.99], 1.1 ENE RICHLAND [32.97, -89.96]

12/31/10 23:50 CST	10K	Thunderstorm Wind (EG 67 kt)
12/31/10 23:50 CST	0	Source: NWS Storm Survey

Strong winds associated with a rear flank downdraft snapped or uprooted several trees near Highway 17 and Highway 14 west of Goodman. A highway sign was snapped at the Goodman exit along Interstate 55.


SIMPSON COUNTY --- 2.7 SE UNION [31.85, -90.05]

12/31/10 23:58 CST	2K	Thunderstorm Wind (EG 50 kt)
12/31/10 23:58 CST	0	Source: Law Enforcement

A couple of tree were blown down northwest of Shivers.

A potent storm system brought a prolonged outbreak of severe thunderstorms to the Lower Mississippi Valley region from the afternoon hours of New Years Eve lasting through the morning hours of New Years Day. This rare combination of high instability and wind shear is mainly what supported the large outbreak and multiple strong tornadoes. National Weather Service storm survey teams found 11 total tornadoes which occurred during this event. Of the 11, two were EF-3 with two more EF-2. Six were EF-1 with one EF-0. Damaging straight line winds also brought numerous trees and large limbs down across the area. Large hail also occurred during the event with reports ranging from quarter to golf ball size. In addition, flash flooding was a significant issue across the area. Roads were flooded in several locations, some vehicles were submerged in flood waters, and a few evacuations took place as a result of rising flood waters.

Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

Damage to a hanger at the U.S. Army Corps of Engineers complex in Vicksburg, MS. Damaged occurred on December 31, 2010 from an EF-1 tornado. Photo courtesy of the Army Corps of Engineers.